

AMC Regulation 25-76

Information Management:

The U.S. Army Materiel Command (AMC) Equipment Publications Program

**U.S. Army Materiel Command
9301 Chapek Road
Fort Belvoir, VA 22060-5527
18 August 2006**

UNCLASSIFIED

DEPARTMENT OF THE ARMY
HEADQUARTERS, UNITED STATES ARMY MATERIEL COMMAND
9301 CHAPEK ROAD, FORT BELVOIR, VA 22060-5527

AMC REGULATION
NO. 25-76

18 August 2006

Information Management

THE U.S. ARMY MATERIEL COMMAND (AMC)
EQUIPMENT PUBLICATIONS PROGRAM

	<u>Paragraph</u>	<u>Page</u>
Purpose.....	1	2
Applicability	2	2
Responsibilities	3	2
Procedures.....	4	8
References.....	5	14
Appendix A. Explanation and Classification of Defects (Narrative Technical manuals (TMs) and Repair Parts and Special Tools Lists (RPSTLs))	A-1	
B. Index of Published and Scheduled AMC-Sponsored Equipment Publications contained in LIW.....	B-1	
C. Instructions for Preparing AMC Form 1217-R-E (Schedule for Preparation of Equipment Publications).....	C-1	
D. Processing of Requests for Rescission of Equipment Publications and Instructions for Preparing AMC Form 2246-R-E (Request for Rescission of Equipment Publications).....	D-1	
E. Guidance for Preparation of Interactive Electronic Technical Manuals (IETMs)	E-1	
F. Munitions Materiel Operation Codes for numbering of Depot Maintenance Work Requirements/National Maintenance Work Requirements (DMWRs/NMWRs).....	F-1	

*This regulation supersedes AMC Supplement 1 to AR 25-30 dated 15 July 1993

1. **Purpose.** To prescribe policy and guidance for the acquisition/preparation of U.S. Army Materiel Command (AMC) Equipment Publications in accordance with Department of the Army (DA) policy and guidance.

2. **Applicability.** This regulation applies to Headquarters, U.S. Army Materiel Command (AMC), Major Subordinate Commands (MSCs)/Life Cycle Management Commands (LCMCs) and Separate Reporting Activities (SRAs) (including subordinate installations and activities), Program and Project Managers; and separate installations and activities reporting directly to HQ AMC.

3. **Responsibilities:**

a. Commanders of LCMCs (including subordinate installations and other entities) who are proponents of Department of the Army Equipment Publications (DAEPs) are responsible for adhering to the provisions of AR 25-30 (The Army Publishing Program) and this regulation. Requests for waivers should be submitted in accordance with paragraphs 3a(20) and 3a(21) of this regulation.

Proponents will:

(1) Prior to preparation or procurement of new, revised, or changed publications, including command-authenticated publications, schedule the publications by submitting AMC Form 1217-R-E, in accordance with appendix C or by submitting data using Army Knowledge Online (AKO), Army Electronic Product Support (AEPS) or Publications Tracking System (PTS). Exceptions are as follows: On nuclear materiel and ancillary equipment and non-nuclear explosive ordnance disposal, the U.S. Army TACOM Life Cycle Management Command, will select the publications to be authenticated, assign technical manual (TM) numbers, determine Army distribution requirements, and forward DA Form 260 (Request for Publishing) to Army Publishing Directorate (APD), JDSO-PAR-P (PAILS), (see DA PAM 25-40 for preparation of DA Form 260), with an information copy to the U.S. Army Materiel Command, Logistics Support Activity (USAMC, LOGSA) (AMXLS-AP).

(2) Before preparation of a DAEP has begun, proponent will determine that no other Army writing activity or other military service (Air Force, Navy, or Marine Corps) or the Defense Logistics Agency (DLA) has an existing publication that may be adopted and supplemented by specialized Army maintenance data (e.g., lubrication orders, maintenance allocation charts, components of end item, basic issue items and additional authorization listings, and Repair Parts and Special Tools Lists (RPSTLs)). Coordinate usability of other military service manuals with Training and Doctrine Command (TRADOC) proponent. (See AR 25-36)

(3) Prepare only authorized DAEPs, DMWRs/NMWRs developed per the requirements of AR 25-30, this regulation, and applicable military specifications, and standards identified on the AMC Equipment Publications Procurement Document Control List (PDCL). The PDCL is available at the LOGSA website (<https://www.logsa.army.mil>) under the Publications and Forms tab.

(4) Per AR 25-30, acquire manufacturers' commercial off-the-shelf (COTS) equipment publications in lieu of acquiring equipment publications prepared to military specifications/standards when such acquisition results in publications of adequate quality and proves more economical or timely (see MIL-HDBK-1221). Obtain user representative TRADOC school concurrence for COTS manual acquisition. Supplemental data will be prepared in accordance with applicable military specifications and standards.

(5) The technical publications element will be responsible for providing technical guidance to the contractor and for review, verification, and acceptance of deliverable products, and will ensure the TRADOC proponent school is involved in review, guidance, and verification issues.

(6) If more than one LCMC is involved, the system proponent will prepare a memorandum of understanding (MOU) covering individual responsibilities and specific managerial agreements, to include operational interfaces. If maintenance instructions for subsystems/components managed by other LCMCs are to be included in system proponent's manual, this will be stated in the MOU. The MOU will address the writing, coordinating, and publishing of a single verification plan.

(7) Coordinate with TRADOC to obtain required target audience description(s) and review(s) by appropriate TRADOC elements for all DAEPs.

(8) Analyze equipment and user requirements and select content/format from approved applicable military specifications and standards to identify specific TM requirements.

(9) Prepare statement of work, contract data requirements list (CDRL) and exhibits pertaining to technical publications acquisition and reflecting the requirements of the selected specifications/standards. All Army materiel equipment contracts that are not acquiring IETMs will include a portable document format (PDF) deliverable for each required equipment publication delivered under the contract. Contracts for changes will include the complete PDF file with change incorporated and a separate PDF file of just the change as deliverables. Contractual documents will prescribe maximum use of the Logistics Management Information (LMI) in developing equipment publications. See AMC PAM 25-32 for further guidance.

(10) Ensure that contracts for the acquisition of final reproducible copy (FRC) do not include the acquisition of printing services as defined in DA PAM 25-40.

(11) Provide representation for conferences on all contracts that include preparation of equipment publications.

(12) Process all comments received on DA Form 2028 (Recommended Changes to Publications and Blank Forms). A case number will be provided to each DA Form 2028 originator within 5 workdays after receipt. Normally, replies citing action taken or reason for non-adoption will be returned to the originator within 45 workdays. If the comment/recommendation requires extensive (in excess of the normal 45 workdays) research or coordination to effect resolution, an interim reply explaining the circumstances and stating the predicted date of final resolution will be sent to the originator within the 45 workday period.

Any known or anticipated change in status of the comment/recommendation prior to final resolution will be reported to the originator.

(13) Notify APD, JDSO-PAR-P (PAIS), by memorandum, of any unacceptable printing/replication in a DAEP as early as possible after initial distribution. A sample copy of the printed/replicated document, the original reproducible material (e.g., illustration, camera-ready copy, electronic file, or negatives) should accompany the report to APD.

(14) Conduct essentiality reviews and submit rescission requests to LOGSA through the EPCO for coordination with National Guard and Reserves using AMC Form 2246-R-E in accordance with appendix D or via e-mail to: eopdb@logsa.redstone.army.mil. If the manual is no longer needed upon completion of coordination, LOGSA will notify APD to rescind the publication.

(a) Each AMC LCMC responsible for the preparation and acquisition of equipment publications will establish and maintain an essentiality and currency review program. The following guidelines are suggested for the essentiality and currency review programs.

1. The essentiality review should be used to minimize costs related to retention of unneeded publications, stockage, and filing space at technical libraries and in troop units. There are several actions that routinely result in essentiality review:

a) Change in status of equipment covered by publication (e.g., elimination of the equipment from the inventory).

b) Receipt of reprint requests from the Directorate of Logistics-Washington, Media Distribution Division (DOL-W, MDD) regarding status of publication(s). These requests require the proponent to determine essentiality in order to determine if reprint of the publication(s) is necessary. Receipt of a reprint request on any publication of a series on an item of equipment requires a review of the entire series (to include Technical Bulletins, Lubrication Orders, Modification Work Orders, etc.).

c) Revisions or changes to other manuals. In updating manuals, obsolete referenced material is frequently identified. This should result in immediate rescission action being taken on the obsolete publication.

d) Periodic notification from DOL-W, MDD that identifies publications with little or no demand experience. Receipt of this information should initiate an essentiality review to include the entire series of publications covering the item of equipment (to include Technical Bulletins, Lubrication Orders, Modification Work Orders, etc.).

2. Currency review should be conducted whenever an action is taken that might impact the content of the manual (e.g., equipment modifications, follow-on buys, incorporation of DA Form 2028 comments, and implementation of publication policies or directives from higher headquarters).

3. When reviewing/rescinding one publication on an item of equipment, all publications within the entire series of publications covering the item of equipment (to include Technical Bulletins, Lubrication Orders, Modification Work Orders, etc.) should be considered.

(b) When a publication is determined to be nonessential, the following action should be taken:

1. Determine, through coordination with other AMC activities responsible for equipment publications, that the publication is no longer needed in support of their materiel.

2. Submit rescission request through the EPCO to LOGSA using AMC Form 2246-R-E in accordance with appendix D or via e-mail to: eopdb@logsa.redstone.army.mil. After LOGSA's coordination is complete, LOGSA will notify APD whether to retain or rescind the publication.

3. Except for nuclear weapons, retain a reproducible copy of each rescinded equipment publication, in addition to the record copy maintained per AR 25-400-2. The retained reproducible copy may be in the form of negatives or positives (actual page size), electronic file, or hardcopy, whichever is appropriate based on storage space available for classified or unclassified documents.

4. Upon request, provide the reproducible copy of any rescinded equipment publication to APD for reprint action, or to any other Department of Defense (DOD) agency that has expressed an interest and desire to assume proponent responsibility.

(15) Furnish LOGSA (AMXLS-AP) an information copy of DA Form 260 for each FRC (new, revision, or change) forwarded for printing. For locally printed publications (DMWR, NMWR, depot manual (DM), LCMC-authenticated modification work order (MWO)), an information copy of the local print request or as part of initial distribution, one copy of each LCMC-authenticated MWO, DM, NMWR, and DMWR will be furnished to LOGSA for use in updating the Logistics Information Warehouse (LIW) (formerly Logistics Integrated Data Base (LIDB)). Copies of the DA Forms 260 and local print requests should be submitted at least weekly.

(16) Request blocks of sequence numbers within Federal Supply Class (FSC) for equipment publications numbering from LOGSA (AMXLS-AP).

(17) Notify LOGSA (AMXLS-AP), of the transfer/acceptance of preparation and acquisition responsibility for equipment publications between LCMCs (responsibility of losing command).

(18) Seek the cooperation of program/project/product/system managers and research and development (R&D) and integrated logistics support (ILS) offices and acceptance of the responsibility for adhering to the provisions of AR 25-30, DA PAM 25-40, and this regulation. Obtain their acceptance of the responsibility for coordinating with the appropriate technical publications elements at the AMC LCMCs in development and acquisition of equipment publications and related requirements. Request they coordinate with the appropriate technical

publications elements prior to releasing or changing any request for quote or proposal, or contract that affects the publications.

(19) Requests for waivers to the provisions of this regulation will be submitted to LOGSA (AMXLS-AP) for disposition. Requests for waivers to AR 25-30 will be submitted through LOGSA. LOGSA will forward a recommendation for approval/disapproval of the waiver request through HQ AMC to APD for final decision. Conflicts in these matters between product/project/program/system managers, R&D and ILS offices, and the responsible AMC LCMC technical publications element will be reported to LOGSA (AMXLS-AP), for resolution and guidance.

(20) Requests for waivers to Technical Manual Specifications and Standards (TMSS) will be submitted to LOGSA (AMXLS-AP) for disposition.

(21) Provide technical subject matter experts and user representatives' access to the draft DAEP during the development process so that they can confirm that their corrections have been accurately recorded.

(22) Review and approve all reprint actions. When the reprint action is for the basic manual and there are over five changes, integrate all changes not previously incorporated for reprint.

b. The Commander, LOGSA, Redstone Arsenal, AL, exercises operational control of the AMC portion of the Army equipment publications program and monitors and evaluates the program for adherence to regulations and reports to HQ AMC any deviations and recommended policy changes. Initiates corrective action, as required. In addition, the Commander, LOGSA, will:

(1) Provide support to HQ AMC, and guidance to AMC LCMCs and Program/Project/Product Managers (PMs) on all equipment publications matters. This includes enforcement of specification requirements and control of waivers. Respond to requests by LCMCs and PMs for assistance in defining and interpreting AMC publications policy. (Guidance to PMs will be provided through the proponent LCMC, except in those cases where there is a memorandum of agreement between the PM and LOGSA for direct support.)

(2) Perform evaluation reviews of AMC equipment publications for both selected fielded and developmental systems. Prepare DA Form 2028 (Recommended Changes to Publications and Blank Forms) for each publication reviewed. Comments will be grouped by type of defect (see definitions in appendix A).

(3) Conduct user surveys to evaluate the effectiveness of DAEP and obtain field-user reaction to adopted and proposed innovations concerning DAEPs.

(4) The AMC Consolidated Equipment Publications schedule previously provided is no longer necessary because the information is contained in the Publications Module of the Logistics Integrated Warehouse (LIW). Commands, at their discretion, can access the information and submit any changes to LOGSA via e-mail to: eopdb@logsa.redstone.army.mil. Instructions for querying the LIW are contained in appendix B.

(5) Notify APD, JDSO-PAR-P (PAILS), of any AMC-sponsored equipment publication(s) to be rescinded for active Army use (as required by DA PAM 25-40). This notification will identify those publications to be retained for use only by Security Assistance Management, National Guard Bureau, or Army Reserve. (Reporting requirement exempt, AR 335-15.)

(6) Coordinate the development of equipment publications preparation and documentation techniques for presentation in operator's and maintenance manuals.

(7) Co-chair the AMC Equipment Manuals Council and provide representation on equipment publications groups within DA, DOD, other Government agencies, industry, and professional societies. Coordinate with other DOD activities and industry, as required, regarding equipment publications matters.

(8) Upon request from LCMCs or direction from HQ AMC:

(a) Review Supportability Strategies and System Support Packages for availability and adequacy of required equipment publications.

(b) Serve on Source Selection Evaluation Boards.

(c) Provide equipment publications representation at in-process reviews (IPR), start-of-work meetings, and verifications.

(d) Evaluate the adequacy of equipment publications contract data requirements.

(e) Evaluate new equipment publications documentation techniques. Ensure that LMI is being utilized as source data to the fullest extent possible.

(f) Participate at equipment pilot overhaul/teardown to verify that DMWRs/NMWRs are complete and technically accurate.

(9) Review, for compliance with provisions specified herein, the verification procedures and the essentiality reviews and rescission programs in effect at each of the activities assigned responsibilities for equipment publications support of Army materiel. Reviews will be conducted during the publications management visits to each AMC LCMC.

(10) Control the assignment of blocks of equipment publications sequence numbers within FSC.

(11) Evaluate requests for waivers of the provisions of AR 25-30, DA PAM 25-40, and this regulation and take appropriate action. Coordinate with TRADOC and/or Forces Command (FORSCOM) proponents whenever waivers affect operating or maintenance support doctrine or force structure issues. Maintain record of the disposition of all waiver requests.

(12) Process all administrative publications regarding the equipment publications program.

(13) Be responsible for the maintenance of the equipment manuals portion of the AMC LIW and development of all publications products/reports from that database (DB). The LIW will be used to record a variety of management-related data concerning each published and scheduled publication, including end item support relationship. In addition to internal AMC application, the LIW will be used to provide equipment publication to end item identification to all Army agencies.

(14) Perform preparing activity functions for assigned Army TMSS as detailed by DOD 4120.24-M. LOGSA is also assigned custodian and participating activity responsibilities for all Army TMSS.

(15) Coordinate, as applicable, the preparation of TMSS as prescribed by DOD 4120.24-M

(16) Perform DOD TMSS lead standardization activity functions as prescribed by DOD 4120.24-M.

(17) Prepare and maintain a current AMC Equipment Publications Procurement Document Control List (PDCL). Provide a digital copy of the PDCL on the LOGSA website (<https://www.logsa.army.mil>).

(18) Perform all functions related to being the Army's Electronic Technical Manual (ETM) equipment publications compact disc - read only memory (CD-ROM) configuration manager.

(19) Maintain the official Army website for equipment publications, less medical and engineering publications.

(20) Serve as the Army's responsible office for IETMs.

4. Procedures:

a. General:

(1) Excluding IETMs, technical and equipment departmental publications (new, changed, and revised) will be submitted to Commander, USAMC, LOGSA, ATTN: AMXLS-AP, Redstone Arsenal, AL 35898-5000 in PDF. (See para 3a(9) for PDF deliverable requirements).

(2) Equipment TMs on military materiel will include only information that is needed to properly perform the operation, maintenance, and repair parts support functions for the maintenance levels covered. Equipment TMs may be supplemented using a TB. However, the contents of equipment TMs will not be changed by TBs, nor will TBs be published instead of equipment TMs.

(3) Recommendations submitted using DA Forms 2028, e-mail, written correspondence, etc., and accepted by the proponent are not authority for users to change the official publication. Equipment TMs will be changed only by a DA-authenticated change or revision. Command authenticated publications such as DMWRs/NMWRs will only be changed with a command-authenticated change or revision.

b. AMC Consolidated Equipment Publications Schedule. The AMC Consolidated Equipment Publications Schedule is developed as follows:

- (1) Submit AMC Form 1217-R-E in accordance with appendix C or submit scheduling data using AKO, AEPS, or PTS to schedule your publications.
- (2) Separate data must be prepared for each new, revised, or changed equipment publication.
- (3) The data is incorporated into the LIW. Former AMC-P 25-30 series information can then be extracted from LIW using the instructions provided in appendix B.

c. Publication Types. The following are types of equipment publications in addition to those listed in AR 25-30:

- (1) Depot Manuals (DM).
- (2) Depot Maintenance Work Requirements (DMWR).
- (3) National Maintenance Work Requirements (NMWR).
- (4) Depot Maintenance Reference Lists (DMRL)

d. Priorities for Preparation:

- (1) Prepare and revise equipment publications in the priority shown below:

(a) New equipment publications that cover new weapons and equipment and existing publications that are revised or changed to cover major modifications in weapons and equipment. appendix E provides guidance for preparation of IETMs (specifically when to prepare IETM versus PDF/paper).

(b) Publications for equipment that must be reported to DA for unit or materiel readiness purposes.

(c) Publications covering equipment with a high density in the hands of Soldiers and reflecting DA-directed programs (e.g., new maintenance policies, preventive maintenance checks and services (PMCS), and reliability centered maintenance (RCM)) and actions programmed to correct publications defects reported by Army Audit Agency (AAA), General Accounting Office (GAO), Inspector General (IG), or TRADOC.

- (d) All other equipment publications.

(2) In addition to the priorities for preparation provided in AR 25-30 and above, the following apply:

(a) Priorities will be established for all recommended changes and revisions based upon the classification of defects, as prescribed in appendix A. Critical defects must be corrected by immediate action interim change. Major defects may require publishing under an expedited printing request. In all cases, a change correcting major defects must be submitted for publication within 120 days. Correction of other defects, including no critical, approved equipment improvement request (EIR) and DA Form 2028 changes will, where feasible, be incorporated in the next change produced to correct major or critical defects or in a separate change when importance or quantity of other defects warrants change action. During revision action, all EIR, DA Form 2028, and other approved or accepted changes still outstanding will be addressed and incorporated into appropriate manuals.

(b) Changes or revisions to the RPSTL will be published whenever necessary to ensure that the major defect rate for tabular lists does not exceed 10 percent of the line item entries for major defects and 15 percent for minor defects.

(c) Equipment publications will be prepared or acquired only for those items of Army materiel that have been type classified as standard or limited procurement items, based on the criteria enumerated in AR 70-1 or that have been adopted for Army use under one of the exemptions to Type Classification requirements as described in AR 70-1. The same preparation criteria apply for the acquisition or preparation of changes and revisions to DAEPs.

(d) Supplements to technical publications shall not be prepared unless they are valid TBs as described in paragraph 4a (2) of this regulation.

(e) Bound publications will be revised when a proposed change to a publication would alter 25 percent or more of its printed pages or would alter 50 percent or more of its printed paragraphs. If the publication is eight or fewer pages, it will always be revised.

(f) Loose-leaf publications, which have 32 or fewer printed pages including changes, will be revised when a proposed change would replace 50 percent or more of those pages. Loose-leaf publications, which have more than 32 printed pages including changes, will be revised when a proposed change would replace 75 percent or more of those pages.

(g) IETMs will be revised to the current specification or standard when 50 percent of the data is changed.

e. Numbering of Technical Publications:

(1) Equipment publications shall not be divided into volumes based on model or configuration criteria. If the difference between models is so great that a separate manual is required, it shall have a separate TM number. That is, its sequence number shall be different from the basic number.

(2) There shall be at least two of each subdivision used. When the materiel is great enough to need two "books," they shall be numbered -XX-1 and -XX-2, not -XX and -XX-1.

(3) The volume designator is not intended to be used to distinguish between different models (i.e., -10 for the basic model, -10-1 for the "A" model and -10-2 for the "B" model) or subsystems of the basic equipment. Volume designators are to be used to separate a manual into manageable size, so that each manual falls within prescribed page count and size limitations.

(4) The size of a single volume shall be limited to no more than 1,500 printed pages (750 sheets).

(5) DMWRs contain technical data required for the performance of depot maintenance of Army materiel as prescribed by AR 750-1. DMWRs will be numbered as follows:

(a) All Army materiel except munitions. The number assigned will be the same as the number used for equipment TMs on the item except the last two digits indicating category of maintenance will not be used (e.g., DMWR 55-1520-209 is related to equipment TM 55-1520-209-23).

(b) Munitions.

1. Nuclear weapons and chemical materiel.

a) DMWR 9-1100-218-G1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

2. Conventional and chemical ammunition.

b) DMWR 9-1320-D484-F1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NOTE: If the DMWR for conventional or chemical ammunition is applicable to several DODAC numbers, use the FSC group or class and substitute 0000 for the last four characters of the DODAC number.

(6) NMWRs contain technical data required for the performance of national maintenance standards for Army materiel as prescribed by AR 750-1. NMWRs will be numbered as follows:

(a) All Army materiel except munitions. The number assigned will be the same as the number used for equipment TMs on the item except the last two digits indicating category of maintenance will not be used (e.g., NMWR 55-1520-209 is related to equipment TM 55-1520-209-23).

(b) Munitions.

1. Nuclear weapons and chemical materiel.

a) NMWR 9-1100-218-G1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

2. Conventional and chemical ammunition.

a) NMWR 9-1320-D484-F1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

NOTE: If the NMWR for conventional or chemical ammunition is applicable to several DODAC numbers, use the FSC group or class and substitute 0000 for the last four characters of the DODAC number.

f. **Military Specifications.** For equipment publication categories not covered by MIL-STDs 40051-1/-2 and MIL-STD-2361, preparation will be in accordance with the applicable standard, specification, or handbook listed in the AMC Procurement Document Control List.

g. Coordination:

(1) For those multi-service equipments or systems for which DA has been designated as the life-cycle manager, the proponent will comply with the provisions of AR 25-36. During the materiel development and acquisition phase, the proponent will be responsible for preparing the CDRs and coordinating with the other participating military department proponents. Technical publications will be verified during system development and demonstration phase and, upon acceptance, will be multi-service numbered as official documents prior to fielding of equipment for operational use. Modification procedures required during the fielding phase of equipment will be coordinated and verified with the other applicable military department proponents and will be multi-service numbered. The same procedures will be applied to changes or revisions. In those instances where the services agree that COTS equipment publications are acceptable,

action will be taken to ensure the publications have met the guidelines of MIL-HDBK-1221 and are authenticated as multi-service numbered documents. The above procedure is also applicable to those multi-service equipments or systems that the Joint Logistics Commanders have agreed to assign to the Army as the single life-cycle manager (See AR 25-36).

(2) Weapons/systems for which more than one LCMC has responsibility will be covered in an integrated operator's manual, provided size limitation can be attained (see 4e (4)). If this restriction poses a problem, the decision (multi-volume integrated versus separate volume by commodity) will be addressed in coordination with the associated LCMC proponents, TRADOC system proponent school, and LOGSA.

(a) Supporting commands will provide operator inputs to the receiving command for a specific commodity in whatever format is in existence at that time. It will be the responsibility of the receiving command to budget for any reformatting so the technical inputs fit the overall system format requirements.

(b) Inputs received will be used as submitted to the maximum extent possible; the technical accuracy will be the responsibility of the submitting command unless the input is modified for peculiar application. Receiving commands will have the prerogative to modify inputs to reflect peculiar applications (e.g., High Mobility Multi-purpose Wheeled Vehicle (HMMWV), as an AVENGER carrier versus troop carrier or ambulance). However, the modified input will be directed to the submitting command for consideration/resolution. After resolution, integrated system coverage will be changed as required.

(c) Supporting commands will participate in user coordination meetings on final system product.

(d) Receiving command will be notified of, and participate in, subsequent change efforts submitted by supporting command.

h. Review. The proponent will distribute all Preliminary Technical Manuals (PTMs) for review and comment as follows:

(1) All new and revised publications to the applicable technical/operational testers and evaluators plus representative Army elements as agreed to by AMC proponent and TRADOC.

(2) All draft test, measurement, and diagnostic equipment (TMDE) calibration publications to U.S. Army TMDE Support Group as prescribed by AR 750-43.

(3) Publications, prepared by an AMC proponent command that contains information covering an item of equipment for which another command has logistics responsibility, will be supplied by the proponent to the command having the logistics responsibility.

(4) For draft publications for developmental items and selected fielded systems, LOGSA (AMXLS-AP) shall be notified and copies will be furnished on request.

i. **Verification.** Prior to DA authentication, manuals must be verified per AR 25-30. Verification will be performed with production configuration equipment. The applicable proponent will notify and invite LOGSA (AMXLS-AP) to participate in coordination/verification reviews of equipment publications.

j. **Multi-Service (joint) Publications.** AMC LCMCs will coordinate with other services to get their publication numbers on multi-service publications. The lead service will provide copies of the final product to the other services for printing purposes. AMC LCMCs will include all multi-service points of contact (name(s), address(es), phone number(s) and e-mail address(es)) on the DA Form 260.

k. **Submission for Printing.** Proponents will forward the DA Forms 260 (see DA PAM 25-40), with publications attached to APD, JDSO-PAR-P (PAILS). Proponents of equipment publications will also follow the procedures in (1) through (3) below.

(1) Submit FRC covering new items of Army materiel, to APD in sufficient time for printing and distribution to ensure that requirements for timely availability are met. The FRC completion date (date forwarded to APD) will be scheduled 90 to 120 days prior to equipment delivery date, or a lesser number of days if expedited printing and distribution have been coordinated with, and approved by, APD.

(2) For centralized printing (i.e., submissions to APD for printing), DA Form 260 along with reproducible masters will be submitted.

(3) One copy of each DA Form 260 will be forwarded to LOGSA (AMXLS-AP).

l. **Emergency Updates.** All PDF deliveries for immediate action interim changes will be handled in the same way as a normal change. Submission of the PDF file will include the interim change, transmittal sheet, and page inserts integrated with the entire PDF publication file. The file will be processed by LOGSA and posted on the LOGSA web.

5. **References:**

a. These publications are available at: <http://www.apd.army.mil>:

- | | |
|-----------------|------------------------------------------------------------|
| (1) AR 25-30 | The Army Publishing Program |
| (2) AR 25-36 | Interservicing of Technical Manuals and Related Technology |
| (3) AR 25-400-2 | The Army Records Information Management System (ARIMS) |
| (4) AR 70-1 | Army Acquisition Policy |
| (5) AR 335-15 | Management Information Control System |
| (6) AR 750-1 | Army Materiel Maintenance Policy |

- | | |
|-------------------|----------------------------------------------------------|
| (7) AR 750-43 | Army Test, Measurement, and Diagnostic Equipment Program |
| (8) DA PAM 25-30 | Consolidated Index of Army Publications and Blank Forms |
| (9) DA PAM 25-40 | Army Publishing: Action Officers Guide |
| (10) DA Form 260 | Request for Publishing |
| (11) DA Form 2028 | Recommended Changes to Publications and Blank Forms |

b. These publications are available at: <http://assist.daps.dla.mil/quicksearch:>

- | | |
|---------------------|---------------------------------------------------------------------------------------------------|
| (1) MIL-HDBK-1221 | Evaluation of Commercial Off-the-Shelf (COTS) Manuals |
| (2) MIL-STD-2361 | Digital Publications Development |
| (3) MIL-STD-40051-1 | Preparation of Digital Technical Information for Interactive Electronic Technical Manuals (IETMs) |
| (4) MIL-STD-40051-2 | Preparation of Digital Technical Information for Page-Based Technical Manuals |

c. This publication is available at:

http://www.dtic.mil/whs/directives/corres/pdf/412024m_0300/p412024m.pdf

- | | |
|-------------------|---------------------------------------------------------------|
| (1) DOD 4120.24-M | Defense Standardization Program (DSP) Policies and Procedures |
|-------------------|---------------------------------------------------------------|

d. This CD-ROM can be ordered at <http://www.dlis.dla.mil/hseries.asp>

- | | |
|--------------|--------|
| (1) H Series | CD-ROM |
|--------------|--------|

e. These publications are available at:

<http://www.amc.army.mil/amc/pa/publications%20and%20forms.html:>

- | | |
|-----------------------|-------------------------------------------------------------------|
| (1) AMC-PAM 25-32 | Guide for Preparation of Equipment Publications Contract Packages |
| (2) AMC Form 1217-R-E | Schedule for Preparation of Equipment Publications |
| (3) AMC Form 2246-R-E | Request for Rescission of Equipment Publications |

f. The table containing data on this publication is available at:
<https://liw.logsa.army.mil/index.cfm?fuseaction=login.main> under Catalog>Search> SB700-20 Search.

(1) SB 700-20

Army Adopted /Other Items Selected for Authorization/List of Reportable Items

The proponent of this regulation is the United States Army Materiel Command Logistics Support Activity (LOGSA). Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) to Commander, USAMC Logistics Support Activity, ATTN: AMXLS-AP, Redstone Arsenal, AL 35898-7466 or e-mail to: tmss@logsa.redstone.army.mil.

FOR THE COMMANDER:

//Signed//
 WILLIAM E. MORTENSEN
 Lieutenant General, USA
 Chief of Staff

DISTRIBUTION:

B
 H

Appendix A
EXPLANATION AND CLASSIFICATION OF DEFECTS
(NARRATIVE TECHNICAL MANUALS (TMS) AND REPAIR PARTS AND SPECIAL
TOOLS LISTS (RPSTLS)) AND OTHER COMMENTS

A-1. **Critical.** A defect affecting safety of personnel or damage to equipment. Such a defect is serious enough to warrant an immediate change to the manual to prevent injury to personnel or damage to equipment and is reported to the proponent command for concurrence or comments.

A-2. **Major.**

a. A defect causing lost time to DAEP user or affecting materiel readiness, but not classified as critical. Because of inadequate or inaccurate information, this type of defect may prevent the user from performing the particular test or repair function, or it may cause the user considerable loss of time or difficulty in performing a particular function.

b. A defect that prevents the user from identifying, locating, or requisitioning repair parts or special tools required to accomplish a maintenance function, and therefore causes a considerable loss of time performing the function.

c. A major defect may require an expedited print request. In all cases, major defects must be corrected in a publication change submitted to APD for printing within 120 days of notification or identification of need for change.

A-3. **Other defects and comments.**

a. Defects involving the technical accuracy or content of a DAEP, or deviations from DAEP standards. This type of defect does not materially reduce the usability of the DAEP but may cause inconvenience and difficulty to the user in following instructions or in obtaining the required information. This level includes typographical or editorial errors not affecting accuracy or clarity.

b. Comments covering improvements of existing material. The material, as presented, may not be specifically prohibited by DA or AMC directives. However, improvements could prove to be cost effective, benefit the user, etc. The recommendations are not based on the opinion of an individual reviewer, but are based on the best judgment of many reviewers and the fact that if the instruction or other portion of the DAEP is not clear to the reviewer, it will not be clear to the user.

c. Comments also include material that was presented correctly at the time of preparation, but which has been outdated since publication. These comments result from DAEP standards being changed, revised, or newly formulated, which affect material that has already been prepared or published. Normally, six months is considered sufficient time to implement new directives.

d. These defects or comments normally need not be corrected or implemented by separate change action, but may be included, where feasible, in changes produced for correction of major or critical defects. Separate changes may be produced for other defects when importance or

quantity of changes warrant it, or when corrections would significantly aid the user in following instructions or accessing required information.

Appendix B
INDEX OF PUBLISHED AND SCHEDULED AMC-SPONSORED EQUIPMENT
PUBLICATIONS CONTAINED IN LIW

B-1. **Purpose.** To provide a listing of all equipment publications prepared or scheduled for preparation within AMC. Also, to show the relationship between the publications and the equipment they support. This information meets the requirement for a consolidated schedule per AR 25-30 and serves as a published record of the management information gathered to support centralized management of the equipment publications program.

B-2. **Data Source.** This DB is a consolidation of data from the AMC Form 1217-R-E, DA Form 260 (and its equivalent for locally printed publications), published equipment publications, and research of publication to end item relationships.

B-3. **Frequency.** The data is provided in real time and is accessible via the LIW Publications Module.

B-4. **Scope.**

a. The following types of equipment publications will be included in the index:

DM	Depot Manuals
DMRL	Depot Maintenance Reference Lists
DMWR	Depot Maintenance Work Requirements
FT	Firing Tables
LO	Lubrication Orders
MWO	Modification Work Orders
NMWR	National Maintenance Work Requirements
SB	Supply Bulletins
SC	Supply Catalogs
SM	Supply Manuals
TB	Technical Bulletins
TM	Technical Manuals

b. In addition to those equipment publications prepared or procured within the AMC community, it will include those published by other commands (i.e., The Surgeon General) in order to give a complete picture of the publication support for equipment in the Army.

B-5. **Description.** The publications module of LIW makes the following areas previously found in AMC PAM 25-30 accessible:

a. Overall equipment publications listing. The Equipment Publication Listing contains a variety of descriptive information about each published and scheduled equipment publication.

b. NSN listing. Covered National Stock Number (NSN) to Publication Cross-Reference provides a listing of all publications covering items with a specific NSN. It is a cross-reference to publication information listed in the Equipment Publication Listing.

c. Part number listing. Covered Part Number to Publication Cross-Reference provides a listing of all publications covering a specific part number or reference number. It is a cross-reference to publication information listed in the Equipment Publication Listing.

d. Model number listing. Covered Model Number to Publication Cross-Reference provides a listing of all publications covering a specific model number. It is a cross-reference to publication information listed in the Equipment Publication Listing.

e. Line Item Number (LIN) listing. Publication Index by SB 700-20 Line Item Number (LIN) provides a publication status on all end items appearing in SB 700-20. It identifies the printed and scheduled publications for end items that have publications, along with any publications covering specific components. It also identifies which end items do not have any official Army publications support. The index is based on the information contained in the Equipment Publication Listing.

f. Scheduled publications extract. Scheduled Equipment Publication Extract is identical in format to the Equipment Publications Listing, except that it only contains information on scheduled new publications, scheduled revisions to existing publications, and scheduled changes to existing publications.

g. Rescinded DMWRs/NMWRs listing. Rescinded Depot Maintenance Work Requirements and Depot Level Modification Work Orders) is a listing of all DMWRs and depot level MWOs that were rescinded.

B-6. Relationship to DA Pam 25-30. The publications information contained in LIW serves a different audience than DA PAM 25-30 in the following manner:

- a. It includes depot level publications.
- b. It includes command authenticated publications (e.g., DMWRs, NMWRs, MWOs, etc.)
- c. It includes equipment publication schedule information. This information is needed by specialized audiences and is not generally made available to units in the field.
- d. It contains numerous descriptive codes for each publication that are important to the internal management of the equipment publication program. This information is not contained in DA PAM 25-30.

B-7. Instructions for querying the LIW. Access to the LIW requires a logon and password. If the user possessed a LIDB logon to access the WebLIDB, conversion to the AKO single sign-on at LIW needs to be accomplished. If the user does not currently possess a logon and password, a Systems Access Request (SAR) must be submitted at <https://liw.logsa.army.mil>. Before starting

the SAR online process, be sure to have your supervisor and security officer's e-mail addresses and phone numbers. After getting your LIW logon and password, follow these steps to generate the reports:

- a. Logon to LIW. Under applications, scroll down to WebLIDB. Click on WebLIDB. Scroll down until you see "Publications Selections" in the menu on the left side of the screen.
- b. Click on "Publications Selection". Scroll down and select the Index of Published and Scheduled AMC-Sponsored Equipment Publications report you want and click on it.
- c. Enter the necessary data and scroll back up. Click on the blue running man icon in the upper right hand corner.
- d. Scroll down until you see "Report Status" on the menu to the left. Click on "Detailed Report Status".
- e. Select the report you ran in order to view, print, or save.

Appendix C
INSTRUCTIONS FOR PREPARING AMC FORM 1217-R-E
(Schedule for Preparation of Equipment Publications)

C-1. Purpose of form. AMC Form 1217-R-E is used to schedule new, revised, and changed equipment publications. It is to be submitted before work begins on the first draft of a publication. An AMC Form 1217-R-E that has been approved by LOGSA (AMXLS-AP) will be the authorization for preparing or procuring all equipment publications. This form is also used to gather the information required by AR 25-30.

C-2. Processing. The AMC Form 1217-R-E will be processed as follows:

a. The proponent LCMC will prepare the form for each separate publication or volume to be developed or procured per paragraphs C-3 and C-4 below and submit it to LOGSA (AMXLS-AP). The form will be submitted in time to ensure approval before preparation or procurement of the publication begins.

b. This form is designed to permit alternative means of submission:

(1) The "-R" designation indicates the form can be reproduced locally.

(2) AMC Form 1217-R-E is authorized for electronic generation. The electronically generated form must contain all data elements and follow the format of the existing printed form. The form number of the electronically generated form will be shown as AMC Form 1217-R-E, and the date to be shown the same as the date of the current edition of the printed form.

(3) It is also possible to submit the data as a computerized data file if arrangements are made with LOGSA (AMXLS-AP). It is recognized that a variety of databases exist at the various LCMCs. If they contain, as a minimum, the data required on this form, it is possible to develop a computer generated version of this data.

c. LOGSA (AMXLS-AP), will review the form entries and resolve any problems directly with the proponent LCMC. The proponent will consider a schedule approved as submitted if LOGSA's response is not sent out within 15 days of the date the form is received at LOGSA (AMXLS-AP).

d. Once approved, the information on the form will be used by LOGSA (AMXLS-AP) as the base document for entering scheduled publications into the LIW. The data will appear in whole or in part in numerous computer listings and management reports. It is imperative that the information submitted by the LCMCs be precise, accurate, and complete.

C-3. General instructions for completing AMC Form 1217-R-E. The form consists of two sides. Side 1 of the form contains information about the publication being developed. Side 2 of the form contains space for remarks and information about the equipment covered by the publication. As many copies of side 2 should be used as required to identify all items covered by the publication. Only the original side 2 needs to be signed.

C-4. **Instructions.** The following instructions follow the sequence of entries on the forms:

a. **Item 1, Fiscal Year Sequence Number.** This is a 2-part number identifying the fiscal year (FY) and sequence number within the FY of the scheduled action (e.g., for FY 06 it would be 06-0001, 06-0002, etc.).

b. **Item 2, Date Prepared.** Enter the date the form is prepared in military date format (e.g., 31 Mar 2006).

c. **Item 3, Publication Number.** Enter the publication number assigned. Publications will be numbered per AR 25-30, DA PAM 25-40, and this regulation.

d. **Item 4, Short Title.** Within the limitation of 50 characters (including spaces), identify what the publication covers. Abbreviate nomenclatures and drop descriptions of maintenance levels or other general terms that would appear in the full title.

e. **Item 5, Scheduled Action Code.** Enter the type of publication being scheduled, either "N" for new, "R" for revised, or "C" for changed.

f. **Item 6, Change Number.** For changes only, enter the change number. This number may have up to 3 digits. Leave this item blank for new or revised publications.

g. **Items 7a and 7b, Proponent and Writing Group.** Enter the appropriate codes from the following table (e.g., TACOM-01 or CSLA-81):

<u>PROP</u>	<u>WG</u>
TACOM	TACOM Life Cycle Management Command
	01 Combat Vehicles
	02 Tactical Support Vehicles
	03 Trailers/Semi-Trailers/Dollies
	04 Fire Control Devices
	05 General Publications
	06 Construction Equipment
	07 Tools and Equipment
	08 Small Arms Ammunition Cartridge Actuated Devices (CADS) and Propellant Actuated Devices (PADS)
	09 Armament (Artillery/Small Arms/Armored Weapon Systems/Aircraft Armament)
	10 Navy Munitions
	11 Ammunition Quality Assurance
	12 Materiel's Handling Equipment
	13 Engineering Equipment
	14 Quartermaster Equipment
	15 Surface Transportation Equipment (Rail and Water)
	16 Ordnance Equipment
	17 Chemical/Biological Publications

AMC	Army Materiel Command
	10 HQ AMC Staff
	20 U.S. Army Materiel Command (USAMC) LOGSA
	40 U.S. Army Ballistics Research Laboratory
	50 Other activities within AMC (not included in other codes)
AMCOM	U.S. Army Aviation and Missile Life Cycle Management Command
	01 Aviation Equipment
	02 Missiles
	03 TMDE
	04 General Publications
ARDEC	U.S. Army Armament Research, Development, and Engineering Center
	01 Conventional and Improved Conventional Munitions
	03 Explosive Ordnance Disposal
C-E LCMC	U.S. Army Communications-Electronics/Life Cycle Management Command
	01 CECOM, Ft. Monmouth
CSLA	U.S. Army CECOM Communications Security Logistics Activity
	81 CSLA, Ft. Huachuca, AZ
	Non-AMC Agencies and Activities
	10 U.S. Army Medical Materiel Agency
	20 Surface Deployment and Distribution Command
	30 U.S. Army Training and Doctrine Command (TRADOC) and TRADOC Schools
	40 U.S. Army Corps of Engineers
	50 Non-AMC Agencies and Activities
ILSC-SBC	U.S. Army TACOM Life Cycle Management Command, Integrated Logistics Support Center-Soldier Biological Chemical
	01 Clothing Equipment
	02 Refrigeration Equipment
	03 Shelters/Tents
	04 Power Equipment
	05 Kitchen Equipment
	06 General Publications
	07 Chemical/Biological Publications
	08 Aerial Delivery
ECBC	Research, Development, and Engineering Command, Edgewood Chemical Biological Center
	01 ECBC, Aberdeen Proving Ground, MD
JMC	Joint Munitions Command
	01 Joint Munitions Command

h. **Item 8, Publication Type.** Identify the type of equipment publication using one of the following letters or numbers:

<u>Code</u>	<u>Definition</u>
1	TM (Technical Manual containing only narrative maintenance instructions, hand receipt manuals (HR), and List of Applicable Publications (LOAP))
A	TM (Technical Manual containing only a RPSTL)
J	TM (Technical Manual containing both narrative maintenance instructions and a RPSTL)
2	TB (Technical Bulletin)
3	LO (Lubrication Order)
4	MWO (Modification Work Order which is DA authenticated (signed) by the Administrative Assistant to the Secretary of the Army. For other MWOs see code 9.)
5	SM (Supply Manual)
6	SC (Supply Catalog)
7	DMWR (Depot Maintenance Work Requirement)
8	NMWR (National Maintenance Work Requirement)
9	MWO (Modification Work Order which is LCMC authenticated. For other MWOs see code 4.)
0	SB (Supply Bulletin)
D	DM (Depot Maintenance Manual)
B	DMRL (Depot Maintenance Reference List)

i. **Item 9, Maintenance Level.** Normally this entry will be the same as the two digits that identify the maintenance level in the publication number. However, there are some publications that are numbered without an indication of maintenance level (i.e., SCs or TMs with suffixes such as -PM), general subject publications, DMWRs/NMWRs. This requires a coding structure be used for all publications. Enter the 2-digit numeric code indicating the level or levels of maintenance covered by the contents of the publication.

Note: The numbers below reflect currently authorized combinations for all types of publications. When scheduling changes, this field is not required and should not be filled in.

<u>Code</u>	<u>Definition</u>
10	Operator Manual Only (also hand receipt TMs)
13	Operator and Field Maintenance
14	Operator, Field, and Sustainment Maintenance
23	Field Maintenance
24	Field and Sustainment Maintenance
40	Sustainment Maintenance
50	Depot Maintenance

j. **Item 10, Equipment Delivery Date.** Enter an 8-digit code indicating the calendar month, date, and year of estimated delivery of new equipment to be covered by a new or revised manual (e.g., 24 Mar 2006 would be 03242006). If this information is classified, enter a "C" in the sixth

position of this field. If the equipment is already in the hands of troops, enter a "T" in the sixth position of this field. If it is a general subject publication enter an "N" in the sixth position of this field.

k. **Item 11, Estimated Completion Date.** Enter the 8-digit calendar month, date, and year it is estimated the publication will be ready for replication. If the equipment delivery date is classified, enter a "C" in the fourth position of the field. Note that the date entered should precede the equipment delivery date sufficiently to allow for replication and distribution, usually 3 to 4 months. This date should be well after the date of initial publication scheduling (not concurrent to it or within days or weeks of it).

l. **Item 12, Estimated Pages.** Indicate the estimated number of printed pages. Data should be entered right justified in the field. For IETMs, enter "1".

m. **Item 13, Multi-Service (Joint) Proponency Code.** This code is entered only when there is more than one service involved in multi-service proponency. Enter the appropriate series of numbers identifying all the military services that have a share in the proponency of a publication. The first digit indicates the lead service, the rest of the services are indicated in the order in which it is anticipated the numbers will appear on the cover. A maximum of six services/agencies can be indicated. For example, the code for a publication published jointly by the Air Force (AF), Army, and Navy with AF as the lead service would be "312").

<u>Code</u>	<u>Definition</u>
1	U.S. Army
2	U.S. Navy
3	U.S. Air Force
4	U.S. Marine Corps
5	Defense Supply Agency
6	Defense Nuclear Agency

n. **Item 14, Media.** Enter a one character code identifying the media in which the publication will be published.

<u>Code</u>	<u>Definition</u>
1	Hard Copy
2	Interactive Electronic Technical Manual (IETM)
3	Portable Document Format (PDF)
4	PDF and Hard Copy
5	IETM and Hard Copy

o. **Item 15, Trim Size.** Enter the physical format of the publication. If it is a paper copy publication, the code will indicate one of the standard horizontal by vertical measurements. If it is an electronic publication, no size entry code will be required to be entered in this field. Use only the trim sizes listed below.

NOTE: Changes will be prepared using the trim size of the basic publication. When existing publications that used trim sizes other than those listed are revised, publication will be prepared using the appropriate trim size from the list below. All new hard copy publications will be prepared using the sizes listed here. Special trim sizes may only be used with approval from APD.

<u>Code</u>	<u>Definition</u>
A	4" x 5 ½"
E	6 1/2" x 9 ½" or 9 ½" x 6 ½" (Use for Preventive Maintenance Daily (PMD))
G	8 ½" x 11" or 11" x 8 ½"
J	17" x 11"
R	4 ½" x 8" (Maintenance Test Flight (MTF) and Checklists (CL))

p. **Item 16, Security Classification.** This two digit field identifies the proposed security classification of the publication. It is only entered when some type of security classification is appropriate. It is left blank when both title and contents are unclassified. The first character is the classification of the title and the second is the classification of the content. Enter the appropriate codes from the following list:

<u>Code</u>	<u>Definition</u>
U	Unclassified
O	For Official Use Only (FOUO)
C	Confidential
S	Secret

q. **Item 17, Special Identifier.** This entry identifies a unique characteristic of a publication. The purpose of this code is to permit the isolation of various publications for extract listings or statistical reports. Not all publications have a code and no publication can have more than one special identifier code. Normally, only the first character of the field is used. Enter one of the following codes if appropriate:

<u>Code</u>	<u>Definition</u>
B	Battle Damage Repair Manual
C	Calibration Procedures
D	Ordnance Disposal
F	Electronics Communications Facility (no coverage/application information)
G	General Subject Publication (no coverage/application information)
H	Hand Receipt (-HR) Manual
L	List of Applicable Publications (-L) manual or Depot Maintenance Requirements List
MB	DMWR with a Mobilization appendix
MD	Preventive Maintenance Daily (PMD)
MI	Phased Maintenance Inspection (PMI)
MS	Preventive Maintenance Services (PMS)
N	No Operator PMCS Required (used when PMCS is in another volume of multiple volume operator's manual, or no PMCS to be performed on the items covered)

PM	Daily Preventive Maintenance Check List
S	Electronic Communications System (no coverage/application information)
SA	Shipment of Army Aircraft
TR	Aircraft Troubleshooting
W	Warranty Technical Bulletin
X	Research of coverage data is incomplete

r. **Item 18, Military Specification(s) and Standard(s) to be used.** Enter the appropriate military specifications, standards, or handbooks that will govern the preparation of the content of the equipment publications including the revision letter if applicable (e.g., MIL-PRF-63010C). Only those publications listed on the current AMC Equipment Publications Procurement Document Control List may be selected and used for new or revised publications. Changes may be done to the specification or standard that the original book was done to. The list is available at: <https://www.logsa.army.mil>.

s. **Item 19, Supersession Code and Superseded Publications.** These two entries can identify up to three publications a revision can supersede in whole. If a publication is superseding an earlier version of itself, no entry should be made. If a revised publication supersedes another publication or publications in entirety, then a "T" should be entered in the supersession code field and the publication number in the following field. In the rare event there are more than three publications to be superseded, combine numbers in the publication number field (e.g., TM 9-2320-201-12 & -20P).

t. **Item 20, Remarks.** Remarks will be entered as necessary for justification, clarification, and to expedite review action. The following information must be included when applicable:

(1) Justification when estimated completion date is later than initial equipment delivery date.

(2) Justification for use of new techniques and formats not covered in approved specifications, standards, or handbooks.

(3) If a multi-service service publication, list other service numbers, if known, at time of scheduling.

(4) A statement that equipment covered was previously contractor supported, but Army maintenance support is now required.

(5) Modification classification ("Emergency", "Urgent", or "Routine") for each MWO.

(6) Classification of TB, if urgent, and Safety-of-Flight or Safety-of-Use message the urgent TB supersedes.

(7) If the manual does not cover specific items of equipment, a statement that this manual is general or broad in nature.

u. **Item 21, Publication Number.** Repeat the publication number from the front side of the form.

v. **Item 22, Covered National Item Identification Number (NIIN).** Enter the NIIN of the equipment covered by the publication. In the case of MWOs, enter the NIIN of the end item of equipment to be modified, not the NIIN of the modification kit or part. For AMCOM one-time inspection TBs, enter the NSN of the aircraft to be inspected, not the part to be inspected.

(1) If there is no NIIN or one has not been assigned yet, leave this field blank.

(2) This NIIN should be verifiable by its appearance in FEDLOG. However, sometimes the publication will be scheduled before the item appears in FEDLOG. If the NIIN assignment has been received, it should be entered, even if it is not verifiable at that time.

w. **Item 23, Covered Reference/Part Number.** Enter the official reference number or part number assigned to the item of equipment covered by the publication.

(1) If the item has an NIIN, then the reference/part number should be verifiable in the FEDLOG and should be entered in the same manner in which it appears, including all special characters such as "/" and "-". (As with the NIIN, the LCMC may have advance information on how an item will appear in the FEDLOG. It should be entered, even if it is not verifiable at that time.)

(2) If the item does not have an NIIN, then the reference/part number should still be entered, if available. Accuracy of entry is important, as the item may possibly be assigned an NIIN at a later date.

x. **Item 24, Commercial and Government Entity Code(CAGEC).** Enter the CAGEC which identifies the manufacturer of the item listed in the reference/part number field. This is important for the accurate identification of the item. If the item has an NIIN, this entry should be verifiable in the FEDLOG.

y. **End Item (Major Weapons System) Coverage Data.** Enter the NIIN(s), Part number(s) and CAGEC(s) for the major weapon system(s) (e.g., ABRAMS, PATRIOT, etc) on which the equipment covered by the publication is used. If the equipment covered by the TM is a major weapons system, enter "same as above" in block 22 of the AMC Form 1217-R-E.

C-5. **Point of Contact and Signature.** The name of a point of contact should be provided. This is usually the individual with the responsibility for preparing the AMC Form 1217-R-E. The form will be signed by the proponent command's Equipment Publications Control Officer (EPCO). Include the e-mail address of the individual signing the form.

SCHEDULE FOR PREPARATION OF EQUIPMENT PUBLICATIONS
(AMC-R 25-76) Proponent Agency: USAMC

TO: Commander USAMC Logistics Support Activity ATTN: AMXLS-AP Redstone Arsenal, AL 35898-7466	FROM:
1. Fiscal Year Sequence Number: (FY No., Sequence Number)	
2. Date Prepared: (Military Date - DD MMM YYYY)	
3. Publication Number: (28 Char Max)	
4. Short Title: (50 Characters Max)	
5. Scheduled Action Code: (N=New, R=Revised, C=Changed)	
6. Change Number (3 Char)	
7a. Proponent:	
7b. Writing Group: (2 Char Code)	
8. Publication Type: (1 Char Code)	
9. Maintenance Level: (2 Char Code) (New or revised pubs only)	
10. Equipment Delivery Date (Numeric-MMDDYYYY)	
11. Estimated Completion Date: (Numeric-MMDDYYYY)	
12. Estimated Pages: (4 Numbers Max)	
13. Multi-Service (Joint) Service Proponency Code: (1-6 Char code)	
14. Media: (1 Char Code)	
15. Trim Size: (1 Char Code)	
16. Security Classification: (2 Char Code)	
17. Special Identifier: (1-2 Char Code)	
18. Military Specification(s): (List up to 3, use 3-4 Char Code)	
19. Supersession Code & Superseded Pubs, List up to 3 (1 Char Code & 28 Char Max No.)	

AMC FORM 1217-R-E
DATE

Edition of 15 Apr 93 is obsolete

SCHEDULE FOR PREPARATION OF EQUIPMENT PUBLICATIONS (CONT)

20. REMARKS: (Enter appropriate remarks as necessary. 100 Character Max.)		
COVERAGE INFORMATION		
21. Publication Number: (28 Char Max)		
22. Covered NIIN: (9 Char)		
23. Covered Reference/Part No. (27 Char Max)		
24. CAGEC (5 Char)		
22. Covered NIIN: (9 Char)		
23. Covered Reference/Part No. (27 Char Max)		
24. CAGEC (5 Char)		
22. Covered NIIN: (9 Char)		
23. Covered Reference/Part No. (27 Char Max)		
24. CAGEC (5 Char)		
22. Covered NIIN: (9 Char)		
23. Covered Reference/Part No. (27 Char Max)		
24. CAGEC (5 Char)		
22. Covered NIIN: (9 Char)		
23. Covered Reference/Part No. (27 Char Max)		
24. CAGEC (5 Char)		
25. END ITEM NIIN: (9 Char)		
26. END ITEM REFERENCE/PART NO. (27 Char Max)		
27. END ITEM CAGEC (5 Char)		
Use additional forms until all items covered are listed.		
Person to contact and Telephone Number:	Signature of Responsible Individual:	Date:

REVERSE OF AMC FORM 1217-R-E, DATE

Appendix D
PROCESSING OF REQUESTS FOR RESCISSION OF EQUIPMENT PUBLICATIONS
AND INSTRUCTIONS FOR PREPARING AMC FORM 2246-R-E
(Request for Rescission of Equipment Publications)

D-1. **Purpose.** AMC Form 2246-R is used to initiate the rescission of an equipment publication. Receipt of this form by LOGSA (AMXLS-AP) will constitute authority for LOGSA to initiate coordination with the National Guard Bureau, Chief, Army Reserve, U.S. Army Security Assistance Command (USASAC), and other services leading to the request for APD to take appropriate rescission action.

D-2. **Processing.** The AMC Form 2246-R-E will be processed as follows:

a. The proponent LCMC will prepare the form for any equipment publication to be rescinded per paragraph D-3 below and submit it to LOGSA (AMXLS-AP).

b. This form is designed to permit alternative means of submission:

(1) The "-R" designation indicates the form can be reproduced locally.

(2) The "-E" authorizes the form for electronic generation. The electronically generated form must contain all data elements and follow the exact format of the existing printed form. Form number will be shown as AMC Form 2246-R-E, and the date of the current edition of the printed form will be shown.

c. The form is designed to include related publications in the same rescission action. Normally, when one publication in a series (i.e., the operating instructions (-10)) is rescinded, the rest of the series should also be rescinded, including DMWRs, LOs, TBs, etc.

d. Upon receipt of this form, LOGSA (AMXLS-AP) will review the request and, if no conflicting actions or problems are discovered, will record the action in the LIW. If there are problems with the request, the proponent LCMC will be notified.

e. Approximately once a month, LOGSA (AMXLS-AP) will extract from the LIW a consolidated listing of all rescission requests received from the proponent LCMCs and submit it to the National Guard Bureau, Chief, Army Reserve, and the USASAC for coordination.

(1) Each of those agencies has the option of concurring in the rescission or requesting that it be retained for their use. Even if they request retention for their use, it will be rescinded for active Army use.

(2) In addition to the number, date, and title of the publication, the computer prepared listing will indicate what the publication covers and, if appropriate, any active end items the publication may support.

f. In addition to the action in paragraph D-2.e, appropriate action per AR 25-36 will be taken by LOGSA (AMXLS-AP) to coordinate the rescission of those publications for which more than one service shares proponentcy.

g. Approximately once a month, LOGSA (AMXLS-AP) will extract from the LIW a listing of all publications for which coordination has been completed and submit it via e-mail to APD for publication of the rescission notice in the next issue of DA PAM 25-30.

D-3. Instructions for Completing AMC Form 2246-R-E. The form entries are generally self-explanatory. However, the following guidance may assist in the proper completion of the form:

a. Item 1. Enter the information on the publication that is to be rescinded or the first in the series of publications to be rescinded.

b. Item 2. Enter a brief reason for the rescission action. This will be helpful in evaluating the request and resolving any problems that may be encountered.

c. Item 3. List any related publications that are to be included in the rescission action. This item is normally used to list other publications in the same number series as the publication listed above.

d. Item 4. All rescission requests must be coordinated with the Security Assistance Management Directorate (or equivalent) at the proponent command before submission. If retention is requested, a check mark will be entered in this block.

e. Item 5. Enter any other remarks that are appropriate to the rescission request.

f. The request for rescission should be signed by the EPCO. The e-mail address of the individual signing the form will be included.

REQUEST FOR RESCISSION OF EQUIPMENT PUBLICATION
(AMC-R 25-76) Proponent Agency: USAMC

TO: Commander USAMC Logistics Support Activity ATTN: AMXLS-AP Redstone Arsenal, AL 35898-7466		FROM:	DATE PREPARED:
1. Request the following publication be rescinded for Active Army:			
PUBLICATION NO.	DATE	LAST CHANGE	LAST CHANGE DATE
TITLE:			
2. Reason for rescission action:			
3. Related publications for which rescission is requested			
PUBLICATION NO.	DATE	LAST CHANGE	LAST CHANGE DATE
4. Required for support of Security Assistance Management Directorate:			
YES ____		NO ____	
5. Remarks:			
Person to Contact and Telephone Number:		Signatures of Responsible Individual: (Name, Grade, Position)	

AMC FORM 2246-R-E
DATE

Edition of 15 Apr 93 is obsolete

Appendix E

GUIDANCE FOR PREPARATION OF IETMs

E-1. **General.** TMs which are optimized for window presentation and frame oriented, in which the technical data is so interrelated that the user's access is facilitated and achievable by a variety of paths, and which function interactively as the result of user input are designated as IETMs. These IETMs may be in combat, tactical, support equipment, or in semiautomatic or automatic test equipment (ATE); part of a test program set; loaded by compact disk, by other means; or reside in equipment specifically designed to present IETMs.

E-2. Requirements.

a. The displayed information will conform to the display requirements of MIL-STD-40051-1. Information such as schematics and wiring diagrams required for operating and maintenance, which is not included in the IETM, may be presented in hard copy (paper) technical publications for ease of use. The IETM and hard copy technical publication, if required, will meet the content requirements of the military specifications and standards that would apply if paper technical publications were being prepared for the equipment. Specifications and standards will be tailored for each situation in which IETMs are used.

b. IETMs will be coordinated and verified. In cases in which the IETM is a manufacturer's manual, the requirements of AR 25-30 and DA PAM 25-40 will apply.

c. When an end item or system has both IETMs and paper technical publications, they will be verified concurrently to ensure completeness and consistency between the two media.

d. All IETMs for an end item or system shall appear to the user to have been prepared by a single writer. This may be accomplished through implementation of a style guide or an authoring system for each "family" of IETMs.

e. Acquisition guidelines for the computer software that drives the IETM are contained in AR 25-30. Development of the IETMs will conform to the following media analysis flowcharts.

MEDIA ANALYSIS FLOWCHART FOR MAINTENANCE AND OPERATION TASKS

Is the information capable of being supported by the physical limitations (resolution of the display screen)?

--- NO - Page-based

YES

Would implementing the task from display create a safety hazard or maintenance burden?

--- YES - Page-based

NO

Can the maintenance task be performed with power on to the equipment that is required to display EP?

--- NO - Page-based |

YES

Can reference information be made available to the operator/maintainer on demand?

--- *NO - Page-based

YES

IETM

* Not all referenced data needs to be available, if source information can be referenced a "YES" answer is correct.

**MEDIA ANALYSIS FLOWCHART
FOR PARTS/DURABLE/EXPENDABLE ITEMS INFORMATION (Continued)**

Can RPSTL data be displayed on demand?

|
|--- NO - Page-based

|
YES

|
IETM

Appendix F
MUNITIONS MATERIEL OPERATIONAL CODES FOR NUMBERING DEPOT
MAINTENANCE WORK REQUIREMENTS (DMWRs)/NATIONAL MAINTENANCE
WORK REQUIREMENTS (NMWRs)

F-1. **Purpose.** This appendix provides a list of codes used in numbering DMWRs/NMWRs that identify the type of work to be performed.

F-2. **Operational codes.** The operational codes are:

a. <u>Code</u>	<u>Type of Work (Operation)</u>
A	Overhaul/rebuild
C	Conversion
F	Renovation
G	Analytical rework (stockpile reliability program)
H	Modification
I	Repair
J	Inspect and Test
L	Reclamation/disassembly
P	Preservation/packaging/packing
X	Demilitarization

GLOSSARY

1. Acronyms:

AAA	Army Audit Agency
AEPS	Army Electronic Product Support
AF	Air Force
AKO	Army Knowledge Online
AMC	Army Materiel Command
AMCOM	Aviation and Missile Life Cycle Management Command
APD	Army Publishing Directorate
APG	Aberdeen Proving Ground
ARDEC	Army Research, Development, and Engineering Center
ATE	Automatic Test Equipment
CAD	Cartridge Actuated Device
CAGEC	Commercial and Government Entity Code
CDRL	Contract Data Requirements List
CD-ROM	Compact Disc - Read Only Memory
C-E/LCMC	Communications Electronic/Life Cycle Management Command
CECOM	Communications-Electronics Command
CCSLA	CECOM Communications Security Logistics Activity
CL	Check List
COTS	Commercial Off-the-Shelf
DA	Department of the Army
DAEP	Department of the Army Equipment Publication (includes command authenticated publications; e.g., DMWRs)
DB	Database
DM	Depot Manual
DMRL	Depot Maintenance Reference List
DMWR	Depot Maintenance Work Requirements
DOD	Department of Defense
DODAC	Department of Defense Ammunition Code
DSP	Defense Standardization Program
ECBC	Edgewood Chemical Biological Center
EIR	Equipment Improvement Recommendation
EP	Electronic Publication
EPCO	Equipment Publications Control Officer
ETM	Electronic Technical Manual
FORSCOM	Forces Command
FOUO	For Official Use Only
FRC	Final Reproducible Copy
FSC	Federal Supply Class
FT	Firing Table
FY	Fiscal Year
GAO	General Accounting Office
HMMWV	High Mobility Multi-purpose Wheeled Vehicle

HQ	Headquarters
HR	Hand Receipt
IETM	Interactive Electronic Technical Manual
IG	Inspector General
ILS	Integrated Logistics Support
ILSC-SBC	Integrated Logistics Support Center-Soldier Biological Chemical
IPR	In-Process Review
JMC	Joint Munitions Command
LCMC	Life Cycle Management Command
LIDB	Logistics Integrated Database
LIN	Line Item Number
LIW	Logistics Information Warehouse
LMI	Logistics Management Information
LO	Lubrication Order
LOAP	List of Applicable Publications
LOGSA	Logistics Support Activity
MOU	Memorandum of Understanding
MTF	Maintenance Test Flight
MWO	Modification Work Order
NIIN	National Item Identification Number
NMWR	National Maintenance Work Requirement
NSN	National Stock Number
PAD	Propellant Actuated Device
PDCL	Procurement Document Control List
PDF	Portable Document Format
PM	Program/Project/Product Manager
PMCS	Preventive Maintenance Checks and Services
PMD	Preventive Maintenance Daily
PMI	Phased Maintenance Inspection
PMS	Preventive Maintenance Services
PTM	Preliminary Technical Manual
PTS	Publications Tracking System
R&D	Research and Development
RCM	Reliability Centered Maintenance
RPSTL	Repair Parts and Special Tools List
SB	Supply Bulletin
SC	Supply Catalog
SM	Supply Manual
TACOM	TACOM Life Cycle Management Command
TB	Technical Bulletin
TM	Technical Manual
TMDE	Test, Measurement, and Diagnostic Equipment
TMSS	Technical Manual Specifications and Standards
TRADOC	Training and Doctrine Command
USASAC	U.S. Army Security Assistance Command

2. Definitions of Terms:

a. **DMWR** - A publication containing the technical data required for the performance of depot maintenance of Army materiel as prescribed by AR 750-1.

b. **Electronic Technical Manual (ETM)**. An ETM is a page-oriented file usually based on a paper original that may or may not be prepared from a digital database. An ETM may have hyperlinks added. ETMs can be distributed as digital media or printed on paper.

c. **IETM** - A technical manual designed for electronic window display and possessing the following three characteristics:

(1) Format and style are optimized for window presentation; that is, the presentation format is frame oriented, not page oriented.

(2) The elements of technical data constituting the IETM are so interrelated that a user's access is facilitated and is achievable by a variety of paths.

(3) The IETM can function interactively (as a result of user requests and information input).

d. **NMWR** - A maintenance serviceability standard for depot level reparable that do not have an existing DMWR and for field level reparable that are repaired by maintenance activities below the depot level maintainers for return to the Army supply system.

e. **TM** - A publication that is one of the two types listed in paragraph (1) or (2):

(1) Equipment technical manual. Publications that contain instructions for installation, operation, training, and support of weapon systems, weapon system components, and support equipment. They include operational and maintenance instructions, parts lists or parts breakdown, and related technical information or procedures. Information may be presented in many forms or characteristics, including but not limited to CD-ROM, World Wide Web, magnetic tape, disc (and other approved electronic devices), and hard copy.

(2) General subject technical manual. A manual that contains technical instructions prepared on various subject areas (other than specific items of equipment or groups of related equipment) such as communications or electronics fundamentals, painting, welding, and destruction to prevent enemy use.

(3) Technical manual media. A TM may be electronically displayed to the user or presented as a paper document. Electronic display is the preferred method of presentation.